

Docket No.: 1780/2D144-WO1

**DECLARATION
AND POWER OF ATTORNEY
PCT CONTINUATION APPLICATION**

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below, of the invention entitled:

which is described and claimed in:

☒ (X) the attached specification, which is
a continuation of international
application No. PCT/US98/23516
filed November 3, 1998

☐ [] the specification in application
Serial No. _____, filed
(for declaration not accompanying appl.)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to patentability in accordance with 37 CFR §1.56. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim the priority benefits under 35 U.S.C. §119 of any application(s) for patent or inventor's certificate listed below. All foreign applications for patent or inventor's certificate on this invention filed by me or my legal representatives or assigns prior to the application(s) of which priority is claimed are also identified below.

PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

<u>COUNTRY</u>	<u>APPLICATION NO.</u>	<u>DATE OF FILING</u>
PCT	PCT/US98/23516	November 3, 1998

Parameter	Value	Unit
Initial temperature	25.0	°C
Final temperature	25.0	°C
Initial pressure	1.0	atm
Final pressure	1.0	atm
Initial volume	1.0	L
Final volume	1.0	L
Initial mass	1.0	g
Final mass	1.0	g
Initial concentration	1.0	M
Final concentration	1.0	M
Initial pH	7.0	
Final pH	7.0	
Initial ionic strength	1.0	M
Final ionic strength	1.0	M
Initial activity	1.0	
Final activity	1.0	
Initial chemical potential	1.0	J/mol
Final chemical potential	1.0	J/mol
Initial Gibbs free energy	1.0	J/mol
Final Gibbs free energy	1.0	J/mol
Initial enthalpy	1.0	J/mol
Final enthalpy	1.0	J/mol
Initial entropy	1.0	J/mol·K
Final entropy	1.0	J/mol·K
Initial heat capacity	1.0	J/mol·K
Final heat capacity	1.0	J/mol·K
Initial compressibility	1.0	J/mol·K
Final compressibility	1.0	J/mol·K
Initial thermal conductivity	1.0	W/m·K
Final thermal conductivity	1.0	W/m·K
Initial viscosity	1.0	P
Final viscosity	1.0	P
Initial diffusion coefficient	1.0	m ² /s
Final diffusion coefficient	1.0	m ² /s
Initial permeability	1.0	m ² /s
Final permeability	1.0	m ² /s
Initial sorption coefficient	1.0	m ³ /m ³
Final sorption coefficient	1.0	m ³ /m ³
Initial desorption coefficient	1.0	m ³ /m ³
Final desorption coefficient	1.0	m ³ /m ³
Initial swelling ratio	1.0	
Final swelling ratio	1.0	
Initial shrinkage ratio	1.0	
Final shrinkage ratio	1.0	
Initial elongation ratio	1.0	
Final elongation ratio	1.0	
Initial compression ratio	1.0	
Final compression ratio	1.0	
Initial tensile strength	1.0	MPa
Final tensile strength	1.0	MPa
Initial compressive strength	1.0	MPa
Final compressive strength	1.0	MPa
Initial modulus of elasticity	1.0	MPa
Final modulus of elasticity	1.0	MPa
Initial Poisson's ratio	1.0	
Final Poisson's ratio	1.0	
Initial yield strength	1.0	MPa
Final yield strength	1.0	MPa
Initial ultimate tensile strength	1.0	MPa
Final ultimate tensile strength	1.0	MPa
Initial elongation at break	1.0	%
Final elongation at break	1.0	%
Initial reduction of area	1.0	%
Final reduction of area	1.0	%
Initial impact strength	1.0	J/m ²
Final impact strength	1.0	J/m ²
Initial Charpy impact strength	1.0	J/m ²
Final Charpy impact strength	1.0	J/m ²
Initial Izod impact strength	1.0	J/m ²
Final Izod impact strength	1.0	J/m ²
Initial tensile modulus	1.0	MPa
Final tensile modulus	1.0	MPa
Initial compressive modulus	1.0	MPa
Final compressive modulus	1.0	MPa
Initial shear modulus	1.0	MPa
Final shear modulus	1.0	MPa
Initial bulk modulus	1.0	MPa
Final bulk modulus	1.0	MPa
Initial Young's modulus	1.0	MPa
Final Young's modulus	1.0	MPa
Initial Poisson's ratio	1.0	
Final Poisson's ratio	1.0	
Initial thermal expansion coefficient	1.0	1/K
Final thermal expansion coefficient	1.0	1/K
Initial thermal contraction coefficient	1.0	1/K
Final thermal contraction coefficient	1.0	1/K
Initial thermal stability	1.0	h
Final thermal stability	1.0	h
Initial oxidative stability	1.0	h
Final oxidative stability	1.0	h
Initial hydrolytic stability	1.0	h
Final hydrolytic stability	1.0	h
Initial biodegradability	1.0	h
Final biodegradability	1.0	h
Initial cytotoxicity	1.0	h
Final cytotoxicity	1.0	h
Initial genotoxicity	1.0	h
Final genotoxicity	1.0	h
Initial carcinogenicity	1.0	h
Final carcinogenicity	1.0	h
Initial mutagenicity	1.0	h
Final mutagenicity	1.0	h
Initial teratogenicity	1.0	h
Final teratogenicity	1.0	h
Initial embryotoxicity	1.0	h
Final embryotoxicity	1.0	h
Initial fetotoxicity	1.0	h
Final fetotoxicity	1.0	h
Initial neonatal toxicity	1.0	h
Final neonatal toxicity	1.0	h
Initial subchronic toxicity	1.0	h
Final subchronic toxicity	1.0	h
Initial chronic toxicity	1.0	h
Final chronic toxicity	1.0	h
Initial acute toxicity	1.0	h
Final acute toxicity	1.0	h
Initial LD50	1.0	mg/kg
Final LD50	1.0	mg/kg
Initial LD10	1.0	mg/kg
Final LD10	1.0	mg/kg
Initial LD01	1	

POWER OF ATTORNEY:

all of the firm of DARBY & DARBY P.C., 805 Third Avenue, New York, NY 10022

DIRECT TELEPHONE CALLS TO:

Michael J. Sweedler, Esq.
212-527-7700

LAST NAME: GRAY

FIRST NAME: William

MIDDLE NAME:

CITY, Mercer Island

STATE OR FOREIGN COUNTRY: Washington

COUNTRY OF CITIZENSHIP: U.S.A.

POST OFFICE ADDRESS: 4622 Shoreclub Drive

CITY: Mercer Island

STATE OR COUNTRY: Washington

ZIP CODE: 98040

LAST NAME: GAMBALE

FIRST NAME: Richard

MIDDLE NAME: A

QTY. Tyngsboro

STATE OR FOREIGN COUNTRY: Massachusetts

COUNTRY OF CITIZENSHIP: U.S.A.

POST OFFICE ADDRESS: 382 Dunstable Road

CITY: Tynasboro

STATE OR COUNTRY: Massachusetts

ZIP CODE: 01879

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and

the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1: William Gray DATED: 11/11/99

SIGNATURE OF INVENTOR 2: Richard A. Gambale DATED: _____

**DECLARATION
AND POWER OF ATTORNEY
PCT CONTINUATION APPLICATION**

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☒ the attached specification, which is
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application No. PCT/US98/23516
filed November 3, 1998

☐ the specification in application
Serial No. , filed
(for declaration not accompanying appl.)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to patentability in accordance with 37 CFR §1.56. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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PCT	PCT/US98/23516	November 3, 1998

ALL FOREIGN APPLICATIONS, IF ANY, FILED PRIOR
TO THE APPLICATION(S) OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith: Gordon D. Coplein #19,165, William F. Oudine, Jr. #20,569, Michael J. Sweedler #19,937, S. Peter Ludwig #25,351, Paul Fields #20,298, Marc S. Gross #19,614, Harold E. Wurst #22,183, Joseph B. Lerch #26,936, Melvin C. Garner #26,272, Ethan Horwitz #27,646, Beverly B. Goodwin #28,417, Adda C. Gogoris #29,714, Martin E. Goldstein #20,869, Bert J. Lewen #19,407, Henry Sternberg #22,408, Robert A. Green #28,301, Peter C. Schechter #31,662, Robert Schaffer #31,194, Robert C. Sullivan, Jr. #30,499, Ira J. Levy #35,587, Joseph R. Robinson #33,448

all of the firm of DARBY & DARBY P.C., 805 Third Avenue, New York, NY 10022

SEND CORRESPONDENCE TO:

DARBY & DARBY P.C.
805 Third Avenue
New York, NY 10022

DIRECT TELEPHONE CALLS TO:

Michael J. Sweedler, Esq.

212-527-7700

FULL NAME AND RESIDENCE OF INVENTOR 1

LAST NAME: GRAY FIRST NAME: William MIDDLE NAME:
CITY: Corrales STATE OR FOREIGN COUNTRY: New Mexico COUNTRY OF CITIZENSHIP: U.S.A.
POST OFFICE ADDRESS: 78 Quirks Lane CITY: Corrales STATE OR COUNTRY: New Mexico ZIP CODE: 87048


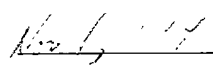
FULL NAME AND RESIDENCE OF INVENTOR 2

LAST NAME: GAMBALE FIRST NAME: Richard MIDDLE NAME: A.
CITY: Tyngsboro STATE OR FOREIGN COUNTRY: Massachusetts COUNTRY OF CITIZENSHIP: U.S.A.
POST OFFICE ADDRESS: 382 Dunstable Road CITY: Tyngsboro STATE OR COUNTRY: Massachusetts ZIP CODE: 01879

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the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1: _____ DATED: _____
William Gray

SIGNATURE OF INVENTOR 2:  _____ DATED:  _____
Richard A. Gambale

0988793-063304
T06090-362880